

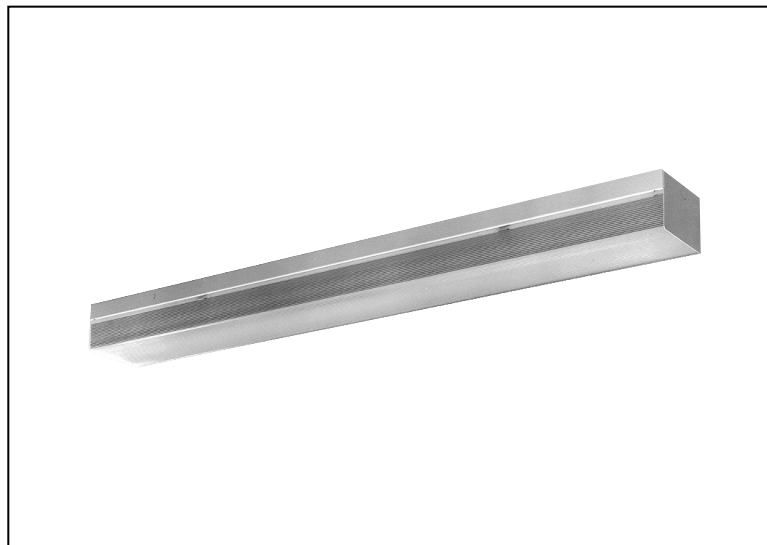
LSW SURFACE/WALL LSW SERIES

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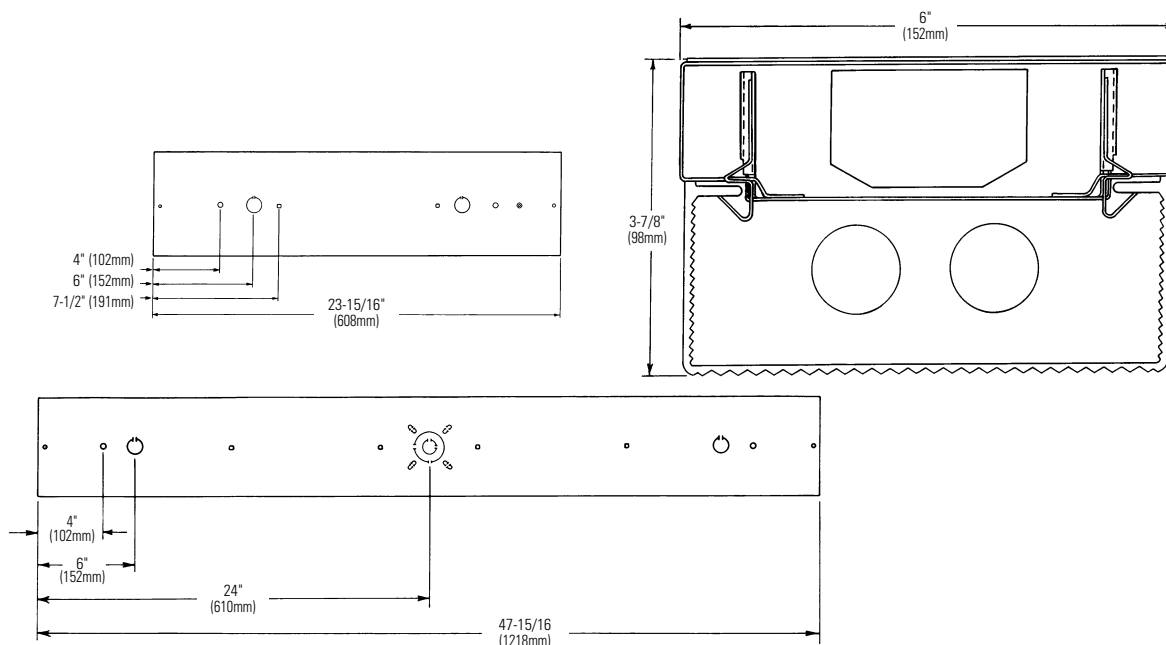
CEILING OR WALL MOUNTED FLUORESCENT, 6" WIDTH, 3 7/8" DEEP,
24", 48" NOMINAL LENGTHS, 1 OR 2 LAMPS T8 OR T12

FEATURES

- For ceiling or wall mounted applications.
- Can be vertically or horizontally mounted on wall.
- Only 3 7/8" deep, meets Americans with Disabilities Act for wall mounted fixtures.
- Low brightness .125 thick linear prismatic virgin acrylic refractor.
- Invisible spring steel latches align refractor to housing.
- 20 gauge cold rolled steel post painted baked white enamel end caps.
- Nominal 2' and 4' lengths.
- 73.9% efficient (T8 lamps).



DIMENSIONS



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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SECTION 4A/Folio I30-12 REV. A

LIGHTOLIER®

LSW SURFACE/WALL LSW SERIES

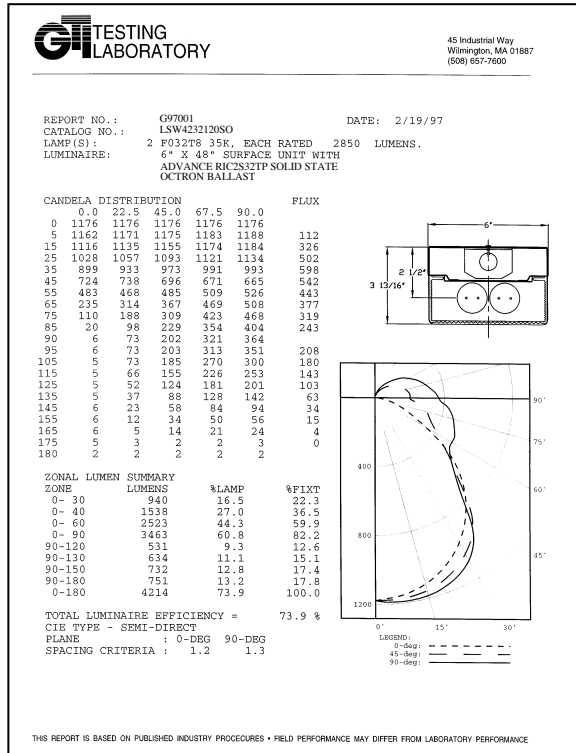
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CEILING OR WALL MOUNTED FLUORESCENT, 6" WIDTH, 3 7/8" DEEP,
24", 48" NOMINAL LENGTHS, 1 OR 2 LAMPS T8 OR T12

PHOTOMETRY

MODEL NO. LSW4232120SO

LER = FP - 62.9 WATTS - 59.1 BF - 0.88
Comparative yearly lighting cost per 1000 lumens = \$4.06



coefficients of utilization — zonal cavity method (effective floor cavity reflectance 0.20)

RF	20	20	20	20	20	20	20	20	20
RC	80	50	50	50	50	50	50	50	50
RW	70	50	30	50	30	10	50	30	10
1	81	76	73	67	65	62	62	60	58
2	73	66	61	58	54	51	54	51	48
3	66	58	51	51	46	42	47	43	40
4	61	51	44	46	40	36	42	38	34
5	56	46	39	41	35	31	38	33	29
6	51	41	34	37	31	27	34	29	26
7	48	37	30	33	28	24	31	26	23
8	44	34	27	31	25	21	29	24	20
9	41	31	25	28	23	19	26	22	18
10	39	29	23	26	21	17	24	20	17

visual comfort probability (rated lumens per lamp 3150.)

room size		ceiling height				ceiling height			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	40	47	58	69	30	39	53	66
20	30	35	40	46	56	20	27	35	48
20	40	33	36	41	47	15	20	26	35
20	60	32	35	38	42	11	15	19	26
30	20	38	45	55	66	32	40	51	64
30	30	32	37	43	52	22	27	35	46
30	40	30	33	38	43	16	20	26	33
30	60	29	32	34	39	12	15	19	25
30	80	29	31	33	37	10	12	15	20
40	20	38	45	53	64	34	42	52	63
40	30	31	36	42	51	24	29	36	46
40	40	29	32	36	42	18	22	26	33
40	60	27	30	32	37	13	16	19	25
40	80	27	30	31	35	10	13	15	20
40	100	27	30	31	34	9	11	13	16
60	30	31	36	41	49	25	31	37	47
60	40	28	31	35	41	19	23	27	34
60	60	26	29	31	35	14	17	20	25
60	80	25	28	29	33	11	14	16	20
60	100	25	27	29	32	9	11	13	17
100	40	28	31	34	40	23	27	30	37
100	60	25	28	30	34	16	20	22	27
100	80	24	26	28	32	13	16	18	22
100	100	23	26	27	30	11	13	15	18

ORDERING INFORMATION

Explanation of Catalog Number. Example: LSW4232120SOEM

LSW						
LSW Surface/Wall Fluorescent						
	FIXTURE LENGTH: 2-24" 4-48"					
		LAMP QUANTITY: 1 or 2 Lamps				
			LAMP: (By Others) 17=T8, 2' Length 20=T12, 2' Length 32=T8, 4' Length 34=T12, 4' Length	VOLTAGE: 120 or 277	BALLAST: 1 & 2 Lamp Mag. T12 Standard Electro Magnetic (20 or 30 watts only) 1 or 2 Lamp Elec. T8 LOL Dimming T8 *Instant Start Standard Other dimming options. Consult factory.	OPTIONS: Add appropriate suffix to catalog no., ie: (EM)

OPTIONS & ACCESSORIES

IN-LINE FUSING: Internal fast blow fusing. SUFFIX: **GMF**.

Internal slow-blow fusing, SUFFIX: **GLR**.

RADIO INTERFERENCE FILTER: 120 or 277 volt, 50 or 60 Hz. One per fixture standard, SUFFIX: **RF**.

EMERGENCY POWER PACK: Factory installed emergency power pack includes charger and inverter concealed in fixture channel. Upon loss of AC power, operates one lamp at reduced light. SUFFIX: **EM**.

COLD WEATHER BALLAST: Cold weather ballast — 0°F starting. SUFFIX: **CW**. For **ON/OFF SWITCH:** Consult factory.

STEM AND CANOPY SETS: Suspends fixture 6", 12", 18" or 24" from surface.

CATALOG NUMBER: **ASC6 CSP** (6")
ASC12 CSP (12")
ASC18 CSP (18")
ASC24 CSP (24")

SPECIFICATIONS

MATERIALS: Chassis parts are die-formed code gauge cold rolled steel.

SPECIFICATIONS (continued)

Refractor—one-piece virgin acrylic. **End Caps** — 20 gauge cold rolled steel.

FINISH: Chassis exterior — white baked acrylic enamel.

End Caps and Cover: Post painted baked white enamel, 86% reflectance. Phosphate undercoating.

REFRACTOR: Low brightness .125 thick linear prismatic, extruded prismatic virgin acrylic.

ELECTRICAL: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

LABELS: I.B.E.W. UL and C-UL.

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